

Section II-iii-J

Water Management

Interpretations of soils for water management are given as limitations for pond reservoir areas; embankments, dikes, and levees; excavated pond (aquifer-fed); and as restrictive features that affect drainage, irrigation, terraces and diversions, and grassed waterways.

Pond reservoir area is the area that holds water behind a dam or embankment. Soils best suited to this use have a low seepage potential, which is determined by the permeability and depth to fractured or permeable bedrock, or other permeable material.

Embankments, dikes, and levees are raised structures of soil material constructed to impound water or protect land against overflow. They generally are less than 20 feet high and are constructed of "homogeneous" soil material (without a core zone) and compacted to medium density.

Excavated ponds (aquifer-fed) are bodies of water created by excavating a pit or dugout into a ground-water aquifer. Excluded are ponds which are fed by surface runoff or that have embankments that impound water 3 feet or more above the original surface.

Drainage is the process of removing excess surface and subsurface water from agricultural land. Soil features are listed that affect grading, excavation, and stability of trench sides or ditchbanks. Features are also listed which might affect productivity after drainage is installed. The availability of drainage outlets must also be considered.

Irrigation is the controlled application of water to supplement rainfall for supporting plant growth. Soil features are listed that affect design, layout, construction, management, or performance of an irrigation system.

Terraces and diversions are embankments or a combination of an embankment and a channel constructed across a slope to control erosion by diverting or storing surface runoff instead of permitting it to flow uninterrupted down the slope. Soil features are listed that affect the construction of terraces and diversions and that may cause problems after construction.

Grassed waterways are natural or constructed channels that generally are broad and shallow and are covered with erosion-resistant grasses. They are used to conduct surface water to outlets at a nonerosive velocity. Soil features are listed that affect the construction and maintenance of the waterway, and also that affect the growth of grass after construction.

See the National Soil Survey Handbook, Part 620, for criteria used in rating specific uses.

WATER MANAGEMENT**Piscataquis County, Southern Part**

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
AdB ADAMS	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: soil blowing, too sandy	Limitation: droughty
AEC ADAMS	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
AFD ADAMS	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
ALLAGASH	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, erodes easily, slope	Limitation: erodes easily, slope, too sandy	Limitation: droughty, erodes easily, slope
AgB ALLAGASH	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, erodes easily, slope	Limitation: erodes easily, too sandy	Limitation: droughty, erodes easily
AgC ALLAGASH	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, erodes easily, slope	Limitation: erodes easily, slope, too sandy	Limitation: droughty, erodes easily, slope
AHC ALLAGASH	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, erodes easily, slope	Limitation: erodes easily, slope, too sandy	Limitation: droughty, erodes easily, slope

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AHC ADAMS	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
BeB BERKSHIRE	Severe: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones	Limitation: droughty, large stones
BFC BERKSHIRE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope	Limitation: droughty, large stones, slope
LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
BFD BERKSHIRE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope	Limitation: droughty, large stones, slope
LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
BhB BOOTHBAY	Moderate: slope	Severe: piping, wetness	Severe: slow refill	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness

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BOB BOOTHBAY	Moderate: slope	Severe: piping, wetness	Severe: slow refill	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
SWANVILLE	Slight:	Severe: piping, wetness	Severe: slow refill	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, percs slowly, wetness	Limitation: erodes easily, rooting depth, wetness
BP BRAYTON	Moderate: seepage	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: droughty, wetness	Limitation: percs slowly, wetness	Limitation: wetness
PEACHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: droughty, large stones, ponding	Limitation: large stones, ponding, rooting depth	Limitation: droughty, large stones, wetness
CC CHARLES	Severe: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
CORNISH	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
CeB CHESUNCOOK	Moderate: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth

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CeC CHESUNCOOK	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
CFD CHESUNCOOK	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
TELOS	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: rooting depth, slope, wetness
CHD CHESUNCOOK	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
TELOS	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: rooting depth, slope, wetness
CoB COLONEL	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness

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CPB COLONEL	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
BRAYTON	Moderate: seepage, slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: droughty, slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
DIXFIELD	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth
CQB COLONEL	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
BRAYTON	Moderate: seepage	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: droughty, wetness	Limitation: percs slowly, wetness	Limitation: wetness
CRC COLONEL	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: rooting depth, slope, wetness
HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope

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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
CsB CORNISH	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
 CHARLES	Severe: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
 FRYEBURG	Severe: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: flooding, slope	Limitation: erodes easily	Limitation: erodes easily
 Cv CORNISH	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
 LOVEWELL	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily
 DaB DANFORTH	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: too sandy	Limitation: droughty
 DBC DANFORTH	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: slope, too sandy	Limitation: droughty, slope

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DBD DANFORTH	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: slope, too sandy	Limitation: droughty, slope
DEC DANFORTH	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: slope, too sandy	Limitation: droughty, slope
 MASARDIS	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
 PEACHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: droughty, large stones, ponding	Limitation: large stones, ponding, rooting depth	Limitation: droughty, large stones, wetness
DfB DIXFIELD	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth
DXC DIXFIELD	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
 COLONEL	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness

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DYC DIXFIELD	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
 COLONEL	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
 LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
EcB ELLIOTTSVILLE	Moderate: depth to rock, seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock	Limitation: depth to rock
 CHESUNCOOK	Moderate: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth
EMC ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
 MONSON	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope

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EMD ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
 MONSON	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
END ENCHANTED	Severe: seepage, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: large stones, slope	Limitation: large stones, slope, too sandy	Limitation: large stones, slope
ENE ENCHANTED	Severe: seepage, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: large stones, slope	Limitation: large stones, slope, too sandy	Limitation: large stones, slope
Fr FRYEBURG	Severe: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: flooding	Limitation: erodes easily	Limitation: erodes easily
 HoB HOWLAND	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth
 HRB HOWLAND	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth

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HRB MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
LAD LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
 ABRAM	Severe: depth to rock, slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
LAE LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
 ABRAM	Severe: depth to rock, slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
LTD LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
 TUNBRIDGE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope

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LTE LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
 TUNBRIDGE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
MaC MARLOW	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
MDD MARLOW	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
 DIXFIELD	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
MLE MARLOW	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
 LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope

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MLE BERKSHIRE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope	Limitation: droughty, large stones, slope
MND MARLOW	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
LYMAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, slope	Limitation: depth to rock, droughty, slope
DIXFIELD	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
MrB MASARDIS	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
MSC MASARDIS	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
MTE MASARDIS	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope

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MTE ADAMS	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
MvB MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
MW MONARDA	Slight:	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: wetness	Limitation: percs slowly, wetness	Limitation: wetness
BURNHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding, rooting depth	Limitation: percs slowly, ponding	Limitation: rooting depth, wetness
MXB MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
HOWLAND	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, rooting depth
THORNDIKE	Severe: depth to rock	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones	Limitation: droughty, large stones

WATER MANAGEMENT**Piscataquis County, Southern Part**

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
MYD MONSON	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
RICKER	Severe: depth to rock, slope	Severe: thin layer	Severe: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
MYE MONSON	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
RICKER	Severe: depth to rock, slope	Severe: thin layer	Severe: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
PeB PENQUIS	Moderate: depth to rock, seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily	Limitation: depth to rock, erodes easily

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
PeB PLAISTED	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth
PeC PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
PFC PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
BERKSHIRE	Severe: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope	Limitation: droughty, large stones, slope
PhB PENQUIS	Moderate: depth to rock, seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily	Limitation: depth to rock, erodes easily

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
PhB THORNDIKE	Severe: depth to rock	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones	Limitation: depth to rock, large stones
PhC PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
THORNDIKE	Severe: depth to rock, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
Ps PITS	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake	Limitation: large stones, too sandy	Limitation: droughty, large stones
PtB PLAISTED	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth
PtC PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
PWC PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
PWC HOWLAND	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
 PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
PWD PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
 PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
 HOWLAND	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
ROD RICKER	Severe: depth to rock, slope	Severe: thin layer	Severe: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
 ROCK OUTCROP	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
SRD SADDLEBACK	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
 RICKER	Severe: depth to rock, slope	Severe: thin layer	Severe: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
SRE SADDLEBACK	Severe: depth to rock, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
 RICKER	Severe: depth to rock, slope	Severe: thin layer	Severe: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
SUD SURPLUS	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: large stones, slope, wetness	Limitation: large stones, slope, wetness
Sv SWANVILLE	Slight:	Severe: piping, wetness	Severe: slow refill	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, percs slowly, wetness	Limitation: erodes easily, rooting depth, wetness
SW SWANVILLE	Slight:	Severe: piping, wetness	Severe: slow refill	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, percs slowly, wetness	Limitation: erodes easily, rooting depth, wetness

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
SW WONSQUEAK	Severe: seepage	Severe: piping, wetness	Severe: slow refill	Limitation: flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
TeB TELOS	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
THC TELOS	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
CHESUNCOOK	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
TLC TELOS	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
CHESUNCOOK	Severe: slope	Severe: piping	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
ELLIOTTSVILLE	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
TMB TELOS	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
TNB TELOS	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
MONSON	Severe: depth to rock	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock	Limitation: depth to rock
ToC THORNDIKE	Severe: depth to rock, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
ABRAM	Severe: depth to rock, slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
TRC THORNDIKE	Severe: depth to rock, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
ABRAM	Severe: depth to rock, slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
TSC THORNDIKE	Severe: depth to rock, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
PENQUIS	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily, slope	Limitation: depth to rock, erodes easily, slope
TtB THORNDIKE	Severe: depth to rock	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones	Limitation: depth to rock, large stones
PENQUIS	Moderate: depth to rock, seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily	Limitation: depth to rock, erodes easily
ABRAM	Severe: depth to rock	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock	Limitation: depth to rock

WATER MANAGEMENT

Piscataquis County, Southern Part

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
UpB URBAN LAND	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable
 PENQUIS	Moderate: depth to rock, seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, erodes easily	Limitation: depth to rock, erodes easily
 PLAISTED	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth
WB WONSQUEAK	Severe: seepage	Severe: piping, wetness	Severe: slow refill	Limitation: flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
 BUCKSPORT	Severe: seepage	Severe: excess humus, wetness	Severe: slow refill	Limitation: flooding, frost action	Limitation: flooding, wetness	Limitation: wetness	Limitation: wetness